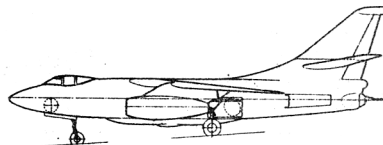
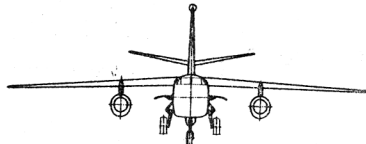
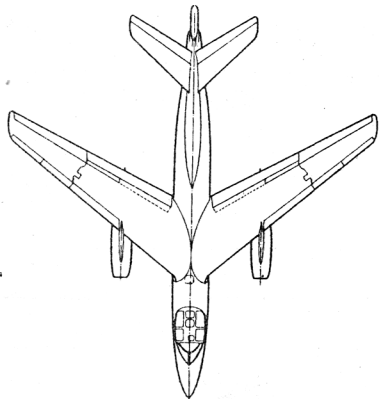


CHARACTERISTICS SUMMARY

HIGH ALTITUDE ATTACK

A3D-2T

DOUGLAS



WING AREA: 812 Sq. ft.

LENGTH 75.7 ft.

WING SPAN: 72.5 ft.

HEIGHT 22.8 ft.

AVAILABILITY			PROCUREMENT			
NUMBER AVAILABLE			NUMBER DELIVERED			
			IN FISCAL YEARS			
ACTIVE	RESERVE	TOTAL				

STATUS	
First Flight.....	May 1959
Service Use (Estimated).....	October 1959

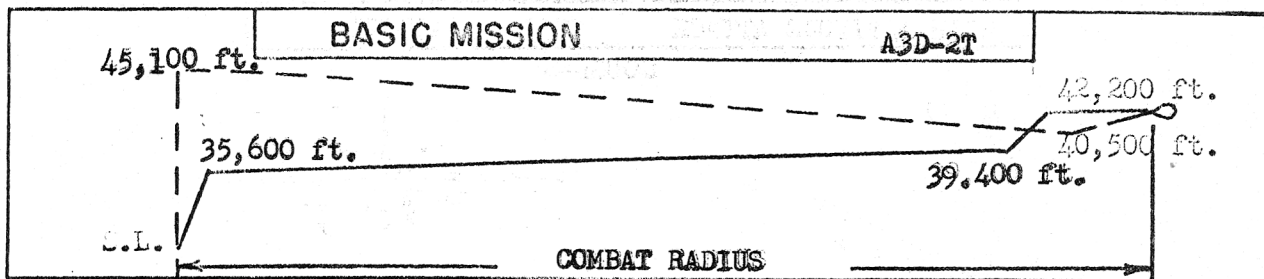
ENGINES	
(2) Pratt and Whitney J57-P-10 Sea Level Static	
	<u>Thrust</u> <u>lbs.</u>
Maximum.....	10,500
Military.....	10,500
Normal.....	9,000

FEATURES
Crew - 8
Cambered Wing
Full Span Slats
Wing Mounted Practice Bomb Dispensers
Folding Wings and Tail

ARMAMENT
<u>BASIC MISSION TRAINER</u>
Wing Pylons
(2) 3343 lb. T.-65 Training Shapes
(2) 750 lb. Aero 8A Bomb Dispensers Carrying 4-Mk. 89 Bombs each

NAVAER-1519E (Rev. 6-56)

CHARACTERISTICS SUMMARY



PERFORMANCE

COMBAT RADIUS		COMBAT RANGE		SPEED	
1100	naut. mi.	2200	naut. mi.	531	knots at S.L. ft.
430	knots avg.	430	knots avg.	505	knots at 35,000 ft.
		5.2	hours		knots at ft.
					Combat Weight Military Power
CLIMB		CEILING		TAKE OFF	
4800	ft./min.	41,500	ft.	4600 ft. - S.L. Calm	
Sea Level, T. O. wt.		100 ft./min., T. O. wt.		4920 ft. - S.L.-50 ft.	obst.
650 ft./min.		43,200 ft.		2000 ft. S.L. Calm - 12	JATO
42,400 ft. Combat Weight		500 ft./min. Combat Weight		50 ft. Obstacle	
Military Power		Military Power			
LOAD		WEIGHTS		STALLING SPEED	
Fuel 3900	gal.	Empty 38,846	lbs.	119.7	knots
fixed 3900	drop	Combat 59,688	lbs.	Power off	
		Take-off 70,000	lbs.	Flaps down, T. O. wt.	
				TIME TO CLIMB	
				20,000 ft. in 5.4 min.	
				Combat Wt., Max. Power	

NOTES

Performance Basis: A3D-1 Flight Tests, A3D-2 (Cambered wing) wind tunnel tests

Fuel: JP-5 Weighing 6.8 lb/gal.

RANGE & RADIUS are based on enging specification fuel consumption increased by 5%.

NAVAER-1519B (Rev. 10-51)